



SEQUENCE LISTING

<110> KIEWER, Steven A.
JONES, Stacey A.
WILLSON, Timothy M.

<120> AN ORPHAN NUCLEAR RECEPTOR

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<141> 2002-11-27

<150> 60/079,593

<151> 1998-03-27

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D

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<210> 10

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<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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<400> 10
Met Lys Lys Gly His His His His His His Gly
1 5 10

<210> 11
<211> 316
<212> PRT
<213> Artificial Sequence

<220>
<223> His6-PXR Fusion Protein

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Met Lys Lys Gly His His His His His His Gly Ser Glu Arg Thr Gly
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20 25 30
Ile Arg Glu Leu Met Asp Ala Gln Met Lys Thr Phe Asp Thr Thr Phe
35 40 45
Ser His Phe Lys Asn Phe Arg Leu Pro Gly Val Leu Ser Ser Gly Cys
50 55 60
Glu Leu Pro Glu Ser Leu Gln Ala Pro Ser Arg Glu Glu Ala Ala Lys
65 70 75 80
Trp Ser Gln Val Arg Lys Asp Leu Cys Ser Leu Lys Val Ser Leu Gln
85 90 95
Leu Arg Gly Glu Asp Gly Ser Val Trp Asn Tyr Lys Pro Pro Ala Asp
100 105 110
Ser Gly Gly Lys Glu Ile Phe Ser Leu Leu Pro His Met Ala Asp Met
115 120 125
Ser Thr Tyr Met Phe Lys Gly Ile Ile Ser Phe Ala Lys Val Ile Ser
130 135 140
Tyr Phe Arg Asp Leu Pro Ile Glu Asp Gln Ile Ser Leu Leu Lys Gly
145 150 155 160
Ala Ala Phe Glu Leu Cys Gln Leu Arg Phe Asn Thr Val Phe Asn Ala
165 170 175
Glu Thr Gly Thr Trp Glu Cys Gly Arg Leu Ser Tyr Cys Leu Glu Asp
180 185 190
Thr Ala Gly Gly Phe Gln Gln Leu Leu Glu Pro Met Leu Lys Phe
195 200 205
His Tyr Met Leu Lys Lys Leu Gln Leu His Glu Glu Glu Tyr Val Leu
210 215 220
Met Gln Ala Ile Ser Leu Phe Ser Pro Asp Arg Pro Gly Val Leu Gln
225 230 235 240
His Arg Val Val Asp Gln Leu Gln Glu Gln Phe Ala Ile Thr Leu Lys
245 250 255
Ser Tyr Ile Glu Cys Asn Arg Pro Gln Pro Ala His Arg Phe Leu Phe
260 265 270
Leu Lys Ile Met Ala Met Leu Thr Glu Leu Arg Ser Ile Asn Ala Gln
275 280 285
His Thr Gln Arg Leu Leu Arg Ile Gln Asp Ile His Pro Phe Ala Thr
290 295 300
Pro Leu Met Gln Glu Leu Phe Gly Ile Thr Gly Ser
305 310 315

D
Cmt

<210> 12
 <211> 242
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> RXR Alpha Proten

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 Asn Met Gly Leu Asn Pro Ser Ser Pro Asn Asp Pro Val Thr Asn Ile
 35 40 45
 Cys Gln Ala Ala Asp Lys Gln Leu Phe Thr Leu Val Glu Trp Ala Lys
 50 55 60
 Arg Ile Pro His Phe Ser Glu Leu Pro Leu Asp Asp Gln Val Ile Leu
 65 70 75 80
 Leu Arg Ala Gly Trp Asn Glu Leu Leu Ile Ala Ser Phe Ser His Arg
 85 90 95
 Ser Ile Ala Val Lys Asp Gly Ile Leu Leu Ala Thr Gly Leu His Val
 100 105 110
 His Arg Asn Ser Ala His Ser Ala Gly Val Gly Ala Ile Phe Asp Arg
 115 120 125
 Val Leu Thr Glu Leu Val Ser Lys Met Arg Asp Met Gln Met Asp Lys
 130 135 140
 Thr Glu Leu Gly Cys Leu Arg Ala Ile Val Leu Phe Asn Pro Asp Ser
 145 150 155 160
 Lys Gly Leu Ser Asn Pro Ala Glu Val Glu Ala Leu Arg Glu Lys Val
 165 170 175
 Tyr Ala Ser Leu Glu Ala Tyr Cys Lys His Lys Tyr Pro Glu Gln Pro
 180 185 190
 Gly Arg Phe Ala Lys Leu Leu Leu Arg Leu Pro Ala Leu Arg Ser Ile
 195 200 205
 Gly Leu Lys Cys Leu Glu His Leu Phe Phe Phe Lys Leu Ile Gly Asp
 210 215 220
 Thr Pro Ile Asp Thr Phe Leu Met Glu Met Leu Glu Ala Pro His Gln
 225 230 235 240
 Met Thr

<210> 13
 <211> 2146
 <212> DNA
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ccatctgggg tctatgccc cataccacg tttgttgcgt tcttgagtct ttctattgct 2040
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20 25 30
Glu Glu Val Gly Gly Pro Gln Ile Cys Arg Val Cys Gly Asp Lys Ala
35 40 45
Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe
50 55 60
Phe Arg Arg Ala Met Lys Arg Asn Ala Arg Leu Arg Cys Pro Phe Arg
65 70 75 80
Lys Gly Ala Cys Glu Ile Thr Arg Lys Thr Arg Arg Gln Cys Gln Ala
85 90 95
Cys Arg Leu Arg Lys Cys Leu Glu Ser Gly Met Lys Lys Glu Met Ile
100 105 110
Met Ser Asp Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys
115 120 125
Lys Ser Glu Arg Thr Gly Thr Gln Pro Leu Gly Val Gln Gly Leu Thr
130 135 140
Glu Glu Gln Arg Met Met Ile Arg Glu Leu Met Asp Ala Gln Met Lys
145 150 155 160
Thr Phe Asp Thr Thr Phe Ser His Phe Lys Asn Phe Arg Leu Pro Gly
165 170 175
Val Leu Ser Ser Gly Cys Glu Leu Pro Glu Ser Leu Gln Ala Pro Ser
180 185 190

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<220>

<223> Probe

<400> 17

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<210> 18

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<212> DNA

<213> Artificial Sequence

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<223> Probe

<400> 18

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21
